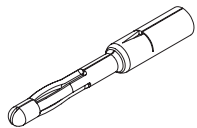
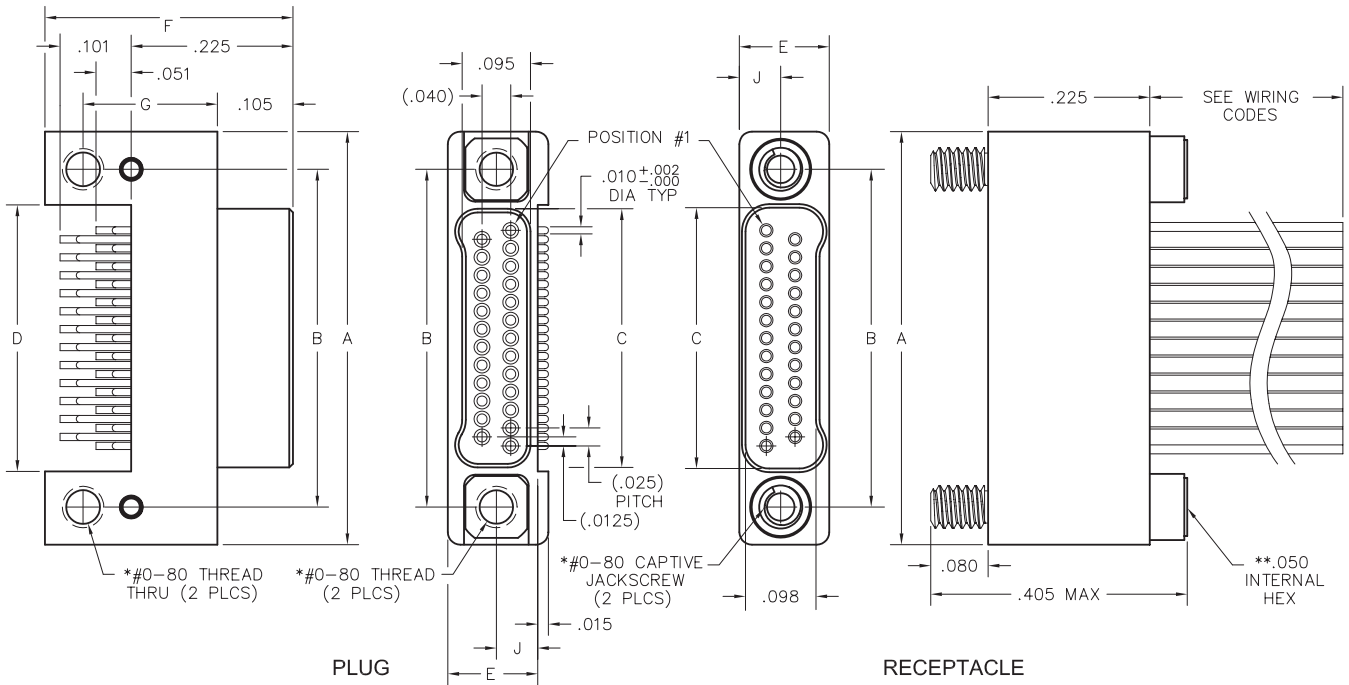
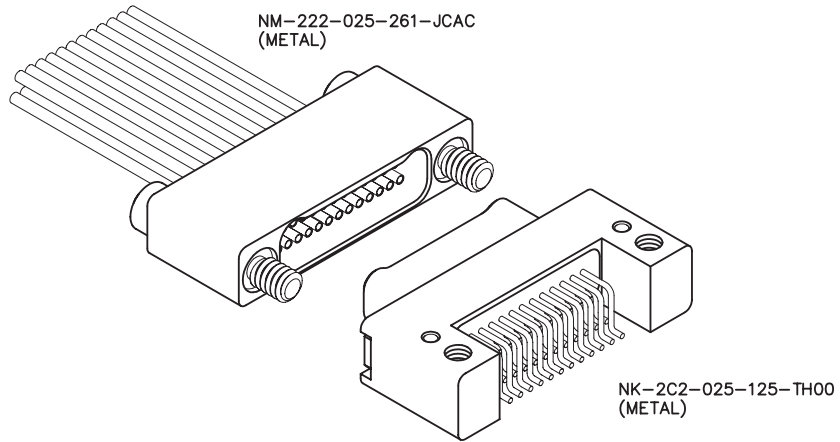


2 · ROW
Cable to Board
Horizontal SMT

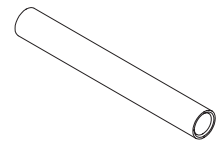
.025"

NM, NK

9 thru 85 Contacts



PIN CONTACT
3 TINE SPRING MEMBER, CRIMP



SOCKET CONTACT
DRAWN TUBE, CRIMP

SIZE	A		B		C		D	E	F	G	J	*HARDWARE
	PLUG	RCPT	PLUG	RCPT	PLUG	RCPT						
9	.375	.270	.160	.163	.170							
15	.450	.345	.235	.238	.245							
21	.525	.420	.310	.313	.320							
25	.575	.470	.360	.363	.370							
31	.650	.545	.435	.438	.445	.125	.345	.187	.0575	#0-80 THREAD		
37	.725	.620	.510	.513	.520							
51	.900	.795	.685	.688	.695							
65	1.075	.970	.860	.863	.870							
69	1.125	1.020	.910	.913	.920							
85	1.377	1.246	1.110	1.113	1.120	.150	.375	.205	.0700	#2-56 THREAD		

* = #2-56 UNC THREAD ON 85 POSITION CONNECTORS.
** = 1/16" HEX ON 85 POSITION CONNECTORS. HEX MEASUREMENTS
TAKEN ACROSS THE FLATS.

— CLICK HERE —

REQUEST QUOTE

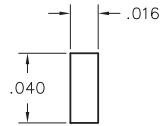
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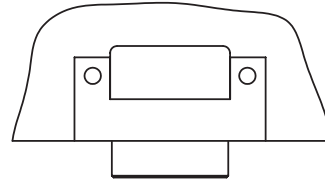
(800) 882-6414 | sales@geminelec.com

Recommended PC Board Layout

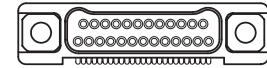
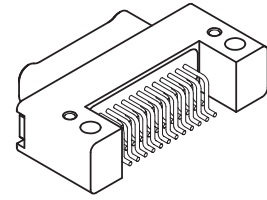
Horizontal SMT Plug
FOR REFERENCE ONLY



FOOTPRINT / PAD CONFIGURATION

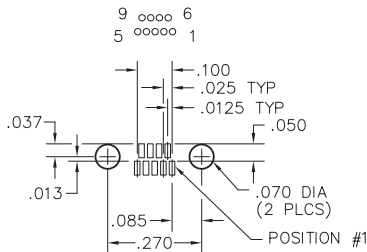


PC BOARD LAYOUT COMPONENT SIDE

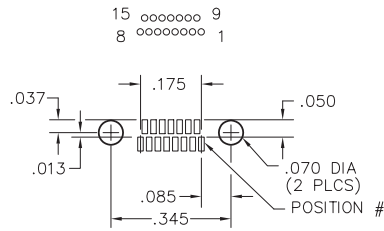


CONNECTOR MATING FACE

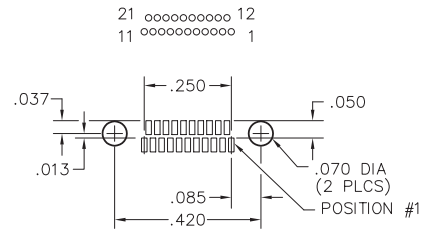
9 POSITION



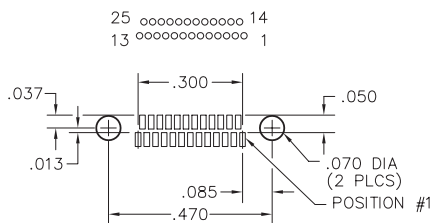
15 POSITION



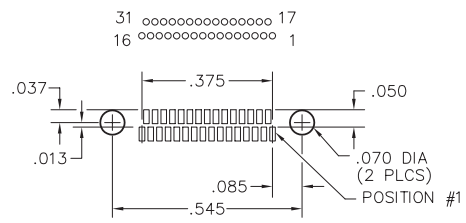
21 POSITION



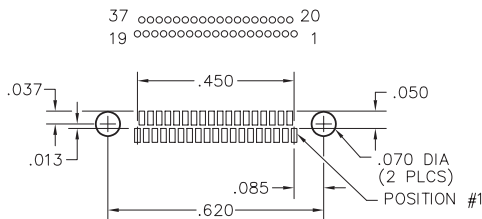
25 POSITION



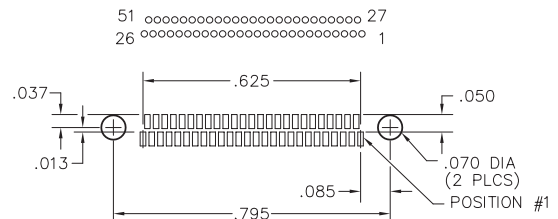
31 POSITION



37 POSITION



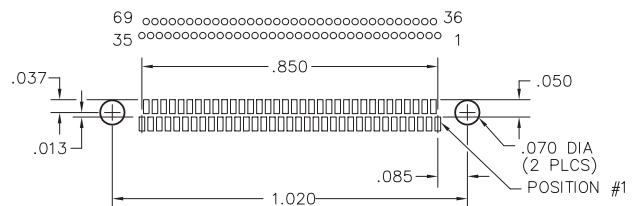
51 POSITION



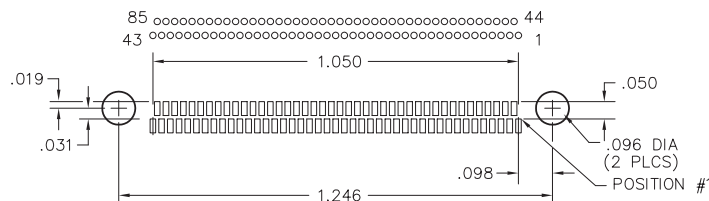
65 POSITION



69 POSITION



85 POSITION



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PLUG: NK-2C2-025-125-TH00
RECEPTACLE: NM-222-025-261-JCAC
XX-XXX-XXX-XXX-XXXX

PLUG		RECEPTACLE	
SERIES			
NK .025" Metal PC Board Mounted Connector		NM .025" Metal I/O Connector	
BODY			
2 2-Row		2 2-Row	
BODY STYLE: C Plug, horizontal mount SMT		BODY STYLE: 2 Receptacle, straight 6 Receptacle, straight, with factory installed backshell (See page NA-3)	
BODY MATERIAL: 2 Liquid Crystal Polymer w/ electroless nickel shell 3 Liquid Crystal Polymer w/ electrodeposited cadmium shell <input checked="" type="checkbox"/>		BODY MATERIAL: 2 Liquid Crystal Polymer w/ electroless nickel shell 3 Liquid Crystal Polymer w/ electrodeposited cadmium shell <input checked="" type="checkbox"/>	
SIZE			
XXX Number of contacts (009, 015, 021, 025, 031, 037, 051, 065, 069 or 085)		XXX Number of contacts (009, 015, 021, 025, 031, 037, 051, 065, 069 or 085)	
CONTACTS			
TYPE CONTACTS/TERMINATIONS: 12 Pin, SMT		TYPE CONTACTS/TERMINATIONS: 26 Socket, straight, crimped wire	
PLATING OPTIONS: 5 50 u" Au contacts; Sn/Pb alloy terminations <input checked="" type="checkbox"/> 8 50 u" Au contacts; Tin plated terminations		PLATING OPTIONS: 1 50 u" Au contacts	
HARDWARE			
STYLE OF HARDWARE: 00 None TH Threaded hole, #0-80 UNF*		STYLE OF HARDWARE: 00 None JC Turning jackscrews, captivated #0-80 UNF*	
WIRING OPTIONS: 00 None		WIRING OPTIONS: XX See wiring codes, Page NA-2	

* = #2-56 UNC thread on 85 position connectors
.050 hex key (#0-80 thread)
1/16" hex key (#2-56 thread)
Recommended torque value 1.0 inch-lbs. max. (#0-80 thread)
Recommended torque value 2.0 inch-lbs. max. (#2-56 thread)
Ball end hex wrench not recommended
Hex wrench key/bit conforming to the requirements of ASME / ANSI-B-18.3 is recommended.
.050" hex L-key long arm wrench - order AirBorn p/n CDG14148.
1/16" hex L-key long arm wrench - order AirBorn p/n CDG14160.

= Option not RoHS compliant

— CLICK HERE —

